

## IN THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please **AMEND** the claims in accordance with the following:

1. (CURRENTLY AMENDED) A measuring apparatus cooperating with a service device ~~for providing that provides~~ position information to a request apparatus requesting from the measuring apparatus a position of a search object, comprising:

a unit accepting from the request apparatus a search request for searching the position of the search object;

a unit calculating a distance between the measuring apparatus and the search object;

a unit acquiring present position information of the measuring apparatus; and

a unit transmitting the present position information and the distance ~~information~~information, to the service device,

wherein the service device is placed at a predetermined fixed location.

2. (ORIGINAL) A measuring apparatus according to Claim 1, further comprising:

a unit transmitting radio waves receivable by the search object; and

a unit receiving a response to the radio waves from the search object.

3. (ORIGINAL) A measuring apparatus according to Claim 1, wherein the search request contains information capable of specifying the request apparatus, and

the unit transmitting the present position information and the distance information together with the specifiable information to the service device.

4. (CURRENTLY AMENDED) A service device for providing position information of a search object to a request apparatus requesting the position information of ~~at~~the search object, comprising:

a unit receiving, from a measuring apparatus for measuring a position of the search object, present position information of the measuring apparatus and information about a distance between the measuring apparatus making the measurement and the search object, and calculating the position information of the search object, based on the present position information and the information about the distance to the search object received from the measuring apparatus; and

a unit transmitting to the request apparatus the position information of the search object that has been calculated based on the present position information and the information about the distance to the search object received from the measuring apparatus,

wherein the service device is placed at a predetermined fixed location.

5. (CURRENTLY AMENDED) A request apparatus provided with a request for position information of a search object through a system including a service device for providing the position information of the search object and measuring apparatuses for reporting distances to the search object to the service device, comprising:

a unit transmitting a search request for the position information of the search object to the measuring apparatuses existing in ~~the~~ a periphery of the request apparatus~~self-apparatus;~~ and

a unit receiving via the service device the position information of the search object ~~that is based on the reports given~~calculated based upon the reporting from the measuring apparatuses, wherein the service device is placed at a predetermined fixed location.

6. (ORIGINAL) A request apparatus according to Claim 5, wherein the search request contains information capable of specifying the individual request apparatus and information for designating the search object, and

the receiving unit receives the position information in accordance with the specifiable information.

7. (CURRENTLY AMENDED) A request apparatus according to Claim 5, further comprising a unit receiving setting of a search object range in the periphery of the self-apparatusrequest apparatus,

wherein the transmitting unit includes transmission gain control unit controlling electromagnetic waves carrying the search request at a predetermined receipt electric power

level in the search object range.

8. (CURRENTLY AMENDED) A method ~~executed by a apparatus of~~ cooperating with a service device ~~for providing~~that provides position information to a request apparatus requesting a position of a search object, comprising:

accepting from the request apparatus a search request for searching the position of the search object;

transmitting radio waves receivable by the search object;

receiving a response to the radio waves from the search object;

calculating a distance between the apparatus and the search object from the response received;

acquiring present position information of the apparatus; and

transmitting the present position information and the distance information to the service device, wherein the service device is placed at a predetermined fixed location.

9. (ORIGINAL) A position information measuring method according to Claim 8, wherein the search request contains information capable of specifying the request apparatus, and

transmitting the present position information and the distance information together with the specifiable information to the service device.

10. (CURRENTLY AMENDED) A method ~~executed by a service device for of~~ providing position information of a search object to a request apparatus requesting the position information of ~~a~~the search object, comprising:

receiving, from a measuring apparatus ~~for measuring~~that measured a position of the search object in response to the request apparatus requesting the position information of the search object from the measuring apparatus, present position information of the measuring apparatus and information about a distance between the measuring apparatus making the measurement and the search object;

calculating the position information of the search object, based on the present position information and the information about the distance to the search object received from the measuring apparatus; and

transmitting to the request apparatus the position information of the search object that

has been calculated based on the present position information and the information about the distance to the search object received from the measuring apparatus.

11. (CURRENTLY AMENDED) A method ~~executed by a apparatus provided with position of providing~~ information of a search object through a system including a service device ~~for providing that provides~~ the position information of the search object and measuring apparatuses for reporting distances to the search object to the service device, comprising:

transmitting, by a request apparatus, a search request for the position information of the search object to the measuring apparatuses existing in ~~the~~ a periphery ~~of the self-apparatus the apparatus;~~ and

receiving via the service device the position information of the search object ~~that is based on the reports given~~ calculated based upon the reporting from the measuring apparatuses, wherein the service device is placed at a predetermined fixed location.

12. (ORIGINAL) A position information requesting method according to Claim 11, wherein the search request contains information capable of specifying the individual request apparatus and information for designating the search object, and

receiving the position information in accordance with the specifiable information.

13. (CURRENTLY AMENDED) A position information requesting method according to Claim 11, further comprising:

receiving setting of a search object range in the periphery of the ~~self-apparatus~~ request apparatus, and

controlling electromagnetic waves carrying the search request at a predetermined receipt electric power level in the search object range.

14. (CURRENTLY AMENDED) A storage medium that ~~stored~~ stores an executable-by-computer position information measuring program for making ~~aan~~ an apparatus ~~cooperating to cooperate~~ with a service device ~~for providing that provides~~ position information to a request apparatus requesting from the apparatus a position of a search object, ~~the program execute~~ according to a process comprising:

accepting from the request apparatus a search request for searching the position of the search object;

transmitting radio waves receivable by the search object;  
receiving a response to the radio waves from the search object;  
calculating a distance between the apparatus and the search object from the response received;  
acquiring present position information of the apparatus; and  
transmitting the present position information and the distance information to the service device, wherein the service device is placed at a predetermined fixed location.

15. (ORIGINAL) A storage medium that stored a position information measuring program according to Claim 13, wherein the search request contains information capable of specifying the request apparatus, and  
transmitting the present position information and the distance information together with the specifiable information to the service device.

16. (CURRENTLY AMENDED) A storage medium that ~~stored~~stores a program for making a computer ~~for providing to provide~~ position information to a request apparatus requesting the position information of a search object, ~~the program execute according to a process comprising:~~

receiving, from a measuring apparatus for measuring a position of the search object, present position information of the measuring apparatus and information about a distance between the measuring apparatus making the measurement and the search object  
calculating the position information of the search object, based on the present position information and the information about the distance to the search object received from the measuring apparatus; and

transmitting to the request apparatus the position information of the search object that has been calculated based on the present position information and the information about the distance to the search object received from the measuring apparatus, wherein the computer is placed at a predetermined fixed location.

17. (CURRENTLY AMENDED) A storage medium that ~~stored~~stores an executable-by-computer position information requesting program for making ~~ana request~~ apparatus ~~provided with position to provide~~ information of a search object through a system including a service device for providing the position information of the search object and measuring

apparatuses for reporting distances to the search object to the service device, ~~the program execute~~according to a process comprising:

transmitting a search request for the position information of the search object to the measuring apparatuses existing in ~~the~~a periphery of the ~~self-apparatus~~request apparatus; and receiving via the service device the position information of the search object ~~that is based on the reports given~~calculated based upon the reporting from the measuring apparatuses, wherein the service device is placed at a predetermined fixed location.

18. (ORIGINAL) A storage medium that stored a position information requesting program according to Claim 17, wherein the search request contains information capable of specifying the individual request apparatus and information for designating the search object, and

receiving the position information in accordance with the specifiable information.

19. (CURRENTLY AMENDED) A storage medium that stored a position information requesting program according to Claim 17, wherein the process of the request apparatus is made to further execute receiving comprises receiving setting of a search object range in the periphery of the ~~self-apparatus~~request apparatus, and

transmitting a transmission gain control controlling electromagnetic waves carrying the search request at a predetermined receipt electric power level in the search object range.